

What is claimed is:

1. A flexible mold having a groove pattern having a predetermined shape and a predetermined size on a surface thereof, comprising:
  - a base layer made of a first curable material having a viscosity of 3,000 to 100,000 cps at 10 to 80°C; and
  - a coating layer made of a second curable material having a viscosity of not greater than 200 cps at 10 to 80°C, and coating a surface of said base layer.
2. A flexible mold as defined in claim 1, wherein said base layer and said coating layer are transparent.
3. A flexible mold as defined in claim 1, wherein said first curable material and said second curable material are a photo-curable material.
4. A flexible mold as defined in claim 1, which further comprises a support layer on the back of said base layer.
5. A flexible mold as defined in claim 4, wherein said support layer is transparent.
6. A flexible mold as defined in claim 1, wherein said groove pattern has a lattice-like pattern constituted by a plurality of groove portions so arranged as to be substantially parallel with one another while crossing one another with predetermined gaps.
7. A method of manufacturing a microstructure having a projection pattern having a predetermined shape and a predetermined size on a surface of a substrate, comprising the steps of:
  - preparing a flexible mold having a groove pattern having a shape and a size corresponding to those of said projection pattern on a surface thereof, and including a base layer made of a first curable material having a viscosity of 3,000 to 100,000 cps at 10 to 80°C and a coating layer made of a second curable material having a viscosity of not

greater than 200 cps at 10 to 80°C, and coating a surface of said base layer;

arranging a curable molding material between said substrate and said coating layer of said mold and filling said molding material into said groove pattern of said mold;

5 curing said molding material and forming a microstructure having said substrate and said projection pattern integrally bonded to said substrate; and releasing said microstructure from said mold.

8. A manufacturing method as defined in claim 7, wherein said molding material is  
10 a photo-curable material.

9. A manufacturing method as defined in claim 7 or 8, wherein said microstructure is a back plate for a plasma display panel.

15 10. A manufacturing method as defined in claim 9, which further comprises a step of independently arranging a set of address electrodes substantially in parallel with each other while keeping a predetermined gap between them.